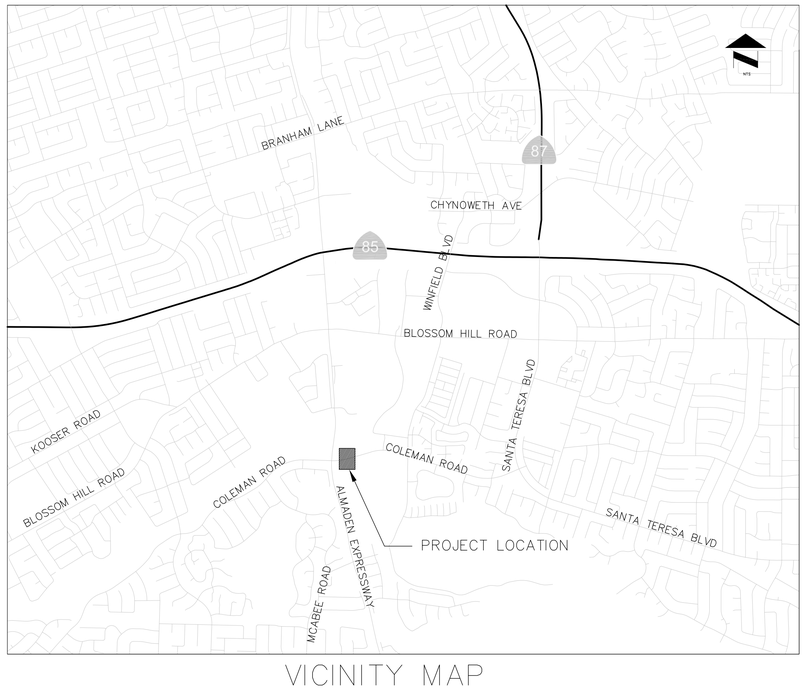
CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

CHECK PRINT NO. _____				
DPW, TRANSPORTATION AND HYDRAULICS SERVICES DIVISION NCH – TOWER 6TH FLOOR				
RETURN TO: JIN KO			PHONE NO.: 793-4143	
DATE SENT: JUNE 08, 2011			DATE RECEIVED:	
CHARGE NO.: 389-164911			CPMS NO.: 6327	
SENT TO	DATE REC. BY	CHECKED BY	DATE RETURN	DUE DATE
				07/15/2011

DEPARTMENT OF PUBLIC WORKS

CITY FACILITIES ARCHITECTURAL SERVICES DIVISION

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C, CPMS# 6327



VICINITY MAP
NOT TO SCALE

LOCATION MAP
NOT TO SCALE

INDEX TO DRAWINGS

35% SUBMITTAL

NOT FOR CONSTRUCTION

SCOPE OF WORK:

CLEARING AND GRUBBING; DEMOLITION AND OTHER WORK NECESSARY TO PREPARE THE SITE FOR CONSTRUCTION OF IMPROVEMENTS; EARTHWORK; SUBGRADE PREPARATION; AC TRAIL; AC RAMP WITH AC CURB; WOOD RAIL FENCE ALONG THE TRAIL; AWARENESS STRIP; SITE FURNISHINGS; SIGNAGE FOR THE GUADALUPE RIVER TRAIL

CITY PROJECT NO. 6327

APPROVED BY:

_____ DATE: _____
DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

_____ DATE: _____
NORBERTO DUENAS
DEPUTY CITY MANAGER / ACTING DIRECTOR OF
PARKS, RECREATION & NEIGHBORHOOD SERVICES

_____ DATE: _____
MARYBETH HARASZ
DIVISION MANAGER
CITY FACILITIES ARCHITECTURAL SERVICES DIVISION

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C, CPMS# 6327

GENERAL NOTES:

PRE-BID SITE VISIT

CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT AREA IN ORDER TO FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS.

SAFETY

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS, VEHICLES AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT APPLIES CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL COORDINATE WITH SCVWD PRIOR TO START OF WORK. SEE SHEET 4 NOTE 10.

DAMAGE TO SYSTEMS TO REMAIN

THE CONTRACTOR IS SOLELY RESPONSIBLE TO PROTECT ALL EXISTING FACILITIES TO REMAIN, ANY DAMAGED FACILITIES WILL BE REPAIRED OR REPLACED IN KIND AS APPROVED BY THE ENGINEER BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

EXISTING CONDITION

ALL INFORMATION RELATING TO EXISTING CONSTRUCTION IS GIVEN AS BEING THE BEST INFORMATION AVAILABLE, BUT WITHOUT GUARANTEE OR ACCURACY. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND OTHER FACILITY DATA AT THE JOB SITE. ANY DISCREPANCIES REQUIRING MODIFICATION TO THE CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY. NO MODIFICATION SHALL BE MADE BY THE CONTRACTOR WITHOUT APPROVAL FROM THE ENGINEER.

EXISTING UTILITIES

ALL INFORMATION RELATING TO EXISTING OVERHEAD AND UNDERGROUND UTILITIES IS GIVEN AS BEING THE BEST INFORMATION AVAILABLE, BUT WITHOUT GUARANTEE OR ACCURACY. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO START OF CONSTRUCTION.

CONTRACTOR'S EQUIPMENT

CONTRACTOR SHALL COORDINATE WITH ENGINEER FOR CONSTRUCTION ACCESS, HOURS OF OPERATION, AND RESTRICTIONS AND STORAGE OF CONTRACTOR'S EQUIPMENT AND MATERIALS AREA. STAGING AREA IS AVAILABLE AS SHOWN ON THE PLANS.

NOISE AND DUST CONTROL

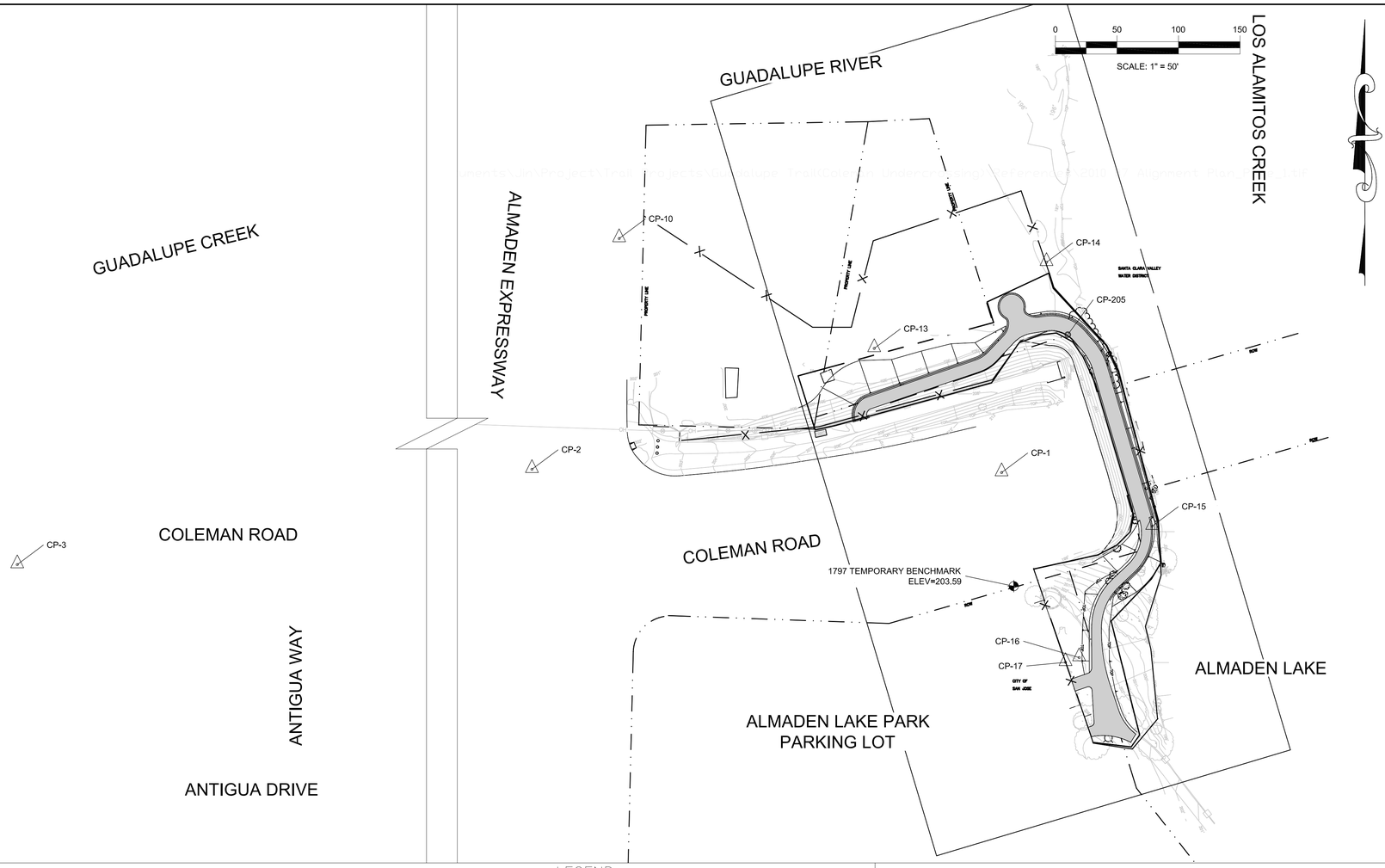
THE CONTRACTOR SHALL PROVIDE MEANS AND MATERIALS TO CONTROL DUST AND NOISE PER SPECIFICATIONS.

CONSTRUCTION SCHEDULING

CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE ENGINEER PRIOR TO SCHEDULING AND START OF THE WORK - CONTRACTOR SHALL PROVIDE PROTECTION TO ALL EXISTING AREAS WHICH ARE IN USE AND ARE ADJOINING THE WORK BUT ARE NOT PART OF THE WORK.

ABBREVIATIONS:

AB	AGGREGATE BASE	AC	ASPHALT CONCRETE
ADJ	ADJUSTABLE	APPROX	APPROXIMATE
∠	ANGLEAT	BC	BEGIN CURVE
BFP	BACK FLOW PREVENTION	BM	BENCH MARK
BOW	BACK OF WALK	BVC	BEGIN VERTICAL CURVE
CB	CATCH BASIN	CI	CAST IRON
CJ	CONSTRUCTION JOINT	℄	CENTER LINE
CL	CHAIN LINK	CO	CLEAN OUT
COMP	COMPACTION	CP	CONTROL POINT
CSJ	CITY OF SAN JOSE	DET	DETAIL
DI	DRAIN INLET	DIA	DIAMETER
DIM	DIMENSION	EA	EACH
EC	END CURVE	EJ	EXPANSION JOINT
ELEC	ELECTRICAL	ELEV/EL	ELEVATION
EOP	EDGE OF PAVEMENT	EQ	EQUAL
EVC	END VERTICAL CURVE	EX/(E)	EXISTING
FH	FIRE HYDRANT	FL	FLOW LINE
FOC	FACE OF CURB	FOW	FRONT OF WALK
FT	FOOT/FEET	HC	HANDICAP
HORIZ	HORIZONTAL	HP	HINGE POINT
INV	INVERT	INSUL	INSULATION
LOG	LIP OF GUTTER	LP	LOW POINT
LT	LEFT	MAT	MATERIAL
MAX	MAXIMUM	MH	MANHOLE
MIN	MINIMUM	MISC	MISCELLANEOUS
(N)	NEW	NIC	NOT IN CONTRACT
NTS	NOT TO SCALE	OC	ON CENTER
OH	OVERHEAD	PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE	PI	POINT OF INFLECTION
P/L	PROPERTY LINE	PT	POINT OF TANGENCY
PVC	POLY VINYL CHLORIDE	R	RADIUS
RAB	RECYCLED AGGREGATE BASE	RCP	REINFORCED CONCRETE PIPE
REINF	REINFORCED	RT	RIGHT
RW	RETAINING WALL	R/W	RIGHT OF WAY
SCVWD	SANTA CLARA VALLEY WATER DISTRICT	SD	STORM DRAIN
SEC	SECTION	SF	SQUARE FOOT/FEET
SHLD	SHOULDER	SPECS	SPECIFICATIONS
SQ	SQUARE	SS	SANITARY SEWER
STA	STATION	STD	STANDARD
T	TANGENT	TC	TOP OF CURB
TOB	TOP OF BANK	TYP	TYPICAL
VC	VERTICAL CURVE	VCP	VITREOUS CLAY PIPE
VERT	VERTICAL	VPI	VERTICAL POINT OF INFLECTION
W/	WITH	W	WATER



Project Horizontal and Vertical Control Points

Control Point #	Elev.	Northing	Easting	Description
CP 1	213.77	1913798.08	6161838.17	Set Sawcut Plus on Coleman Rd median island 390' east of Almaden Expressway.
CP 2	205.27	1913800.72	6161456.70	Set Sawcut Plus at south nose of north median island of Almaden Expressway at Coleman rd.
CP 3	207.85	1913744.31	6160567.56	Set Mag Nail and Shiner at the center of Coleman Rd 225' west of Antigua Way.
CP 10	203.75	1913988.25	6161527.53	Set Nail and Shiner
CP 13	198.43	1913898.94	6161734.72	Set Cotton Spindle in field north of Coleman rd, 200' east of Almaden.
CP 14	197.14	1913968.88	6161874.66	Set Hub and Tack in field north of Coleman rd., 250' east of Almaden.
CP 15	195.01	1913754.52	6161960.51	Set Hub and Tack
CP 16	204.73	1913647.77	6161901.15	Set Cotton Spindle 12' east of the east top of curb of parking lot, northwest parking lot of Almaden park.
CP 17	205.20	1913643.91	6161890.11	Set Sawcut Plus on top of curb at east side of parking lot, northwest parking lot of Almaden park.
CP 205	196.57	1913910.09	6161891.95	Fd. Iron Pipe
CP 1797	203.59	1913705.78	6161848.03	Temporary Benchmark, Chisled Square on north top of curb in Almaden Lake Park parking lot.

BASIS OF CONTROL

Coordinates, Bearings, Distances, and Elevations are Based on a GPS RTK Survey Conducted on June 23, 2010 Referencing The NAD83, Zone III, Epoch 2002.00 Horizontal Datum and the NAVD88 (Geoid 03) Vertical Datum.

The Survey Control Points Listed are Grid and are Based on a City of San Jose GPS Network. To Produce Ground Distances, Apply The Factor Of 1.00003678942.

REFERENCES

CSJ File 11-040
REF File 10-172

LEGEND

- FOUND IRON PIPE
- BOLLARD OR POST
- BUSH
- CITY MONUMENT AS NOTED
- COLUMN
- WHEELCHAIR RAMP
- DRIVEWAY
- ELECTROLIER
- GUY WIRE
- LANDSCAPE ROCK
- TREE (PALM)
- PULLBOX
- OUTFALL
- SAPLING (NOT SCALED TO SIZE)
- SIGN
- SURVEY CONTROL POINT AS NOTED
- TREE (EVERGREEN/CONNIFER)
- TREE (DECIDUOUS)
- TREE STUMP
- UTILITY POLE
- VAULT

SYMBOLS ARE NOT INTENDED TO REPRESENT EXACT SCALE.

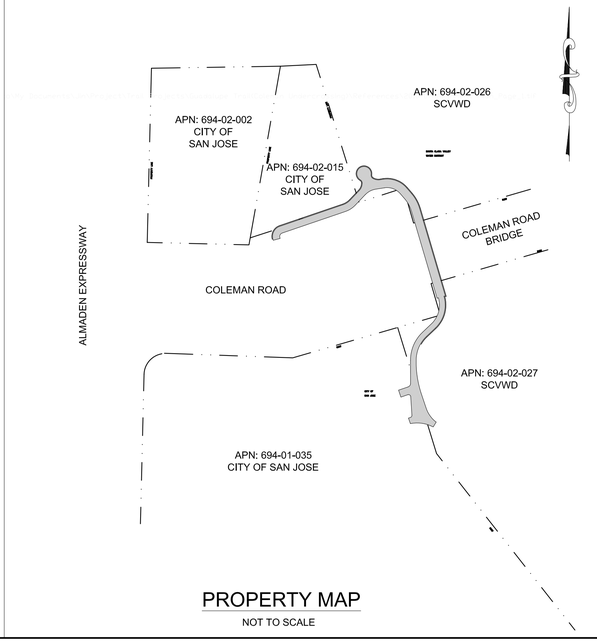
TREES ARE SCALED TO SIZE UNLESS OTHERWISE NOTED.

GENERAL NOTES

1. This Map Represents Topography Of Surface Features Only.
2. Unless Specified On This Map, Locations Of Utilities Are Neither Intended Nor Implied.
3. For The Locations Of Underground Utilities Call "USA" (1-800-642-2444).
4. Surface Features Are Located By Means Of A Station And Offset From The Street Control Line.
5. Curbline Offsets Are To Face Of Curb.
6. Manhole And Drain Inlet Offsets Are to Their Respective Centers. Hooded Inlets (Catch Basins) Are Located By Center Of The Top Of Hood At face Of Curb, Unless Otherwise Noted.
7. Inverts For Hooded Inlets Are Measured From The Top Of Hood, And Inverts For Manholes Are Measured From The Rim.

This Product Constitutes Our Professional Work. The Information Supplied On The Dated Electronic File May Include Raw Field Data Which Was Not Necessarily Used In The Final Product. In The Event The Electronic File Data Is Used To Alter The Product Supplied, We Shall Not Be Responsible For Any Product Derived From The Altered Or Modified Data Which Has Not Been Reviewed And Approved By The Survey Section.

Land Surveyor For The City of San Jose



PROPERTY MAP

NOT TO SCALE

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. NO CHANGE IN DESIGN MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

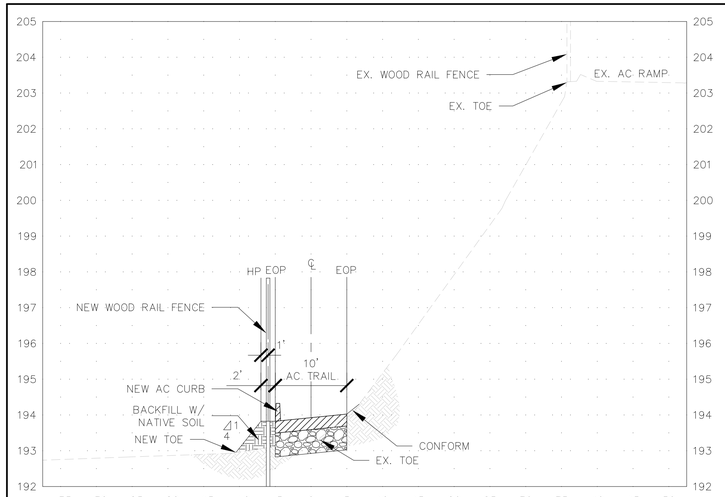
DRAWN BY: JK
CHECKED BY: JT / HM
SCALE: AS NOTED
DATE: 6/7/2011
SECTION MANAGER:

SHEET TITLE: GENERAL NOTES, LEGENDS & KEY MAP

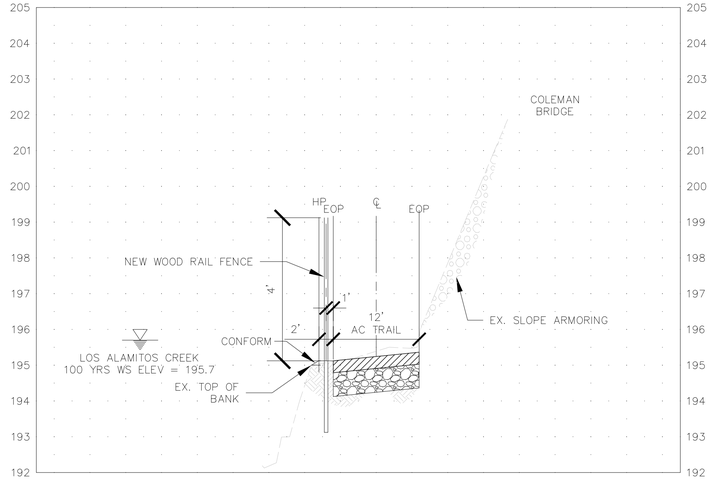
TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C. CPMS# 6327

SHEET NO: 2
2 OF: 12

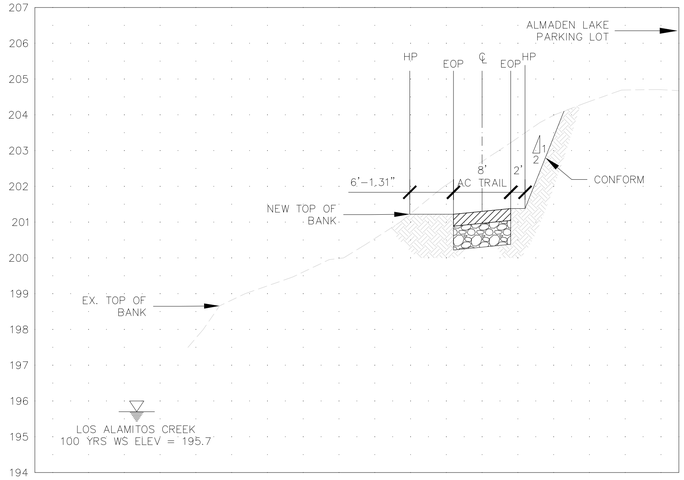
PROJECT NO: 6327



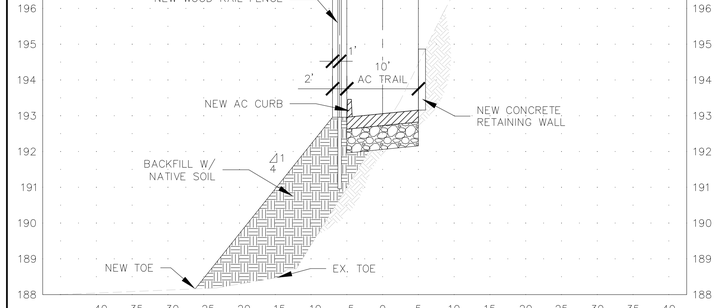
STA. 11+38 TO 11+62 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'



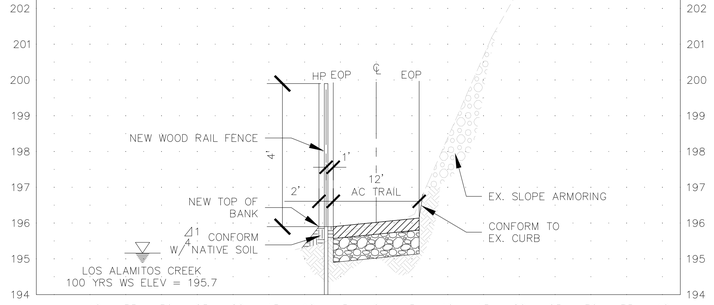
STA. 12+25 TO 13+00 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'



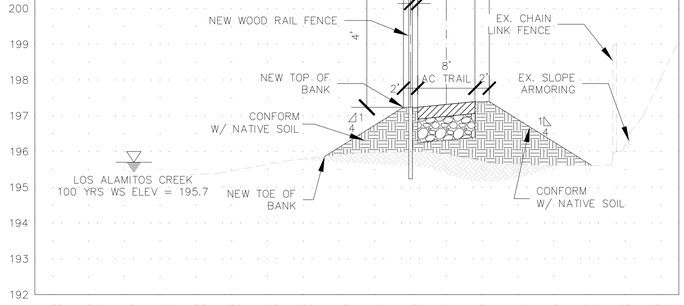
STA. 14+47 TO 15+25 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'



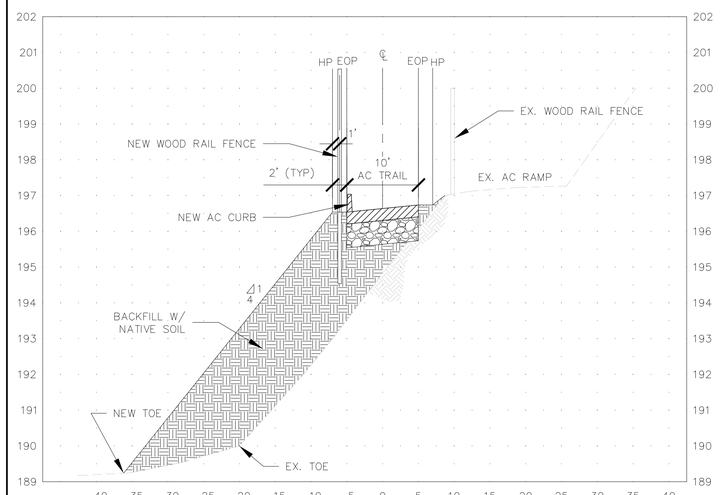
STA. 10+38 TO 11+37 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'



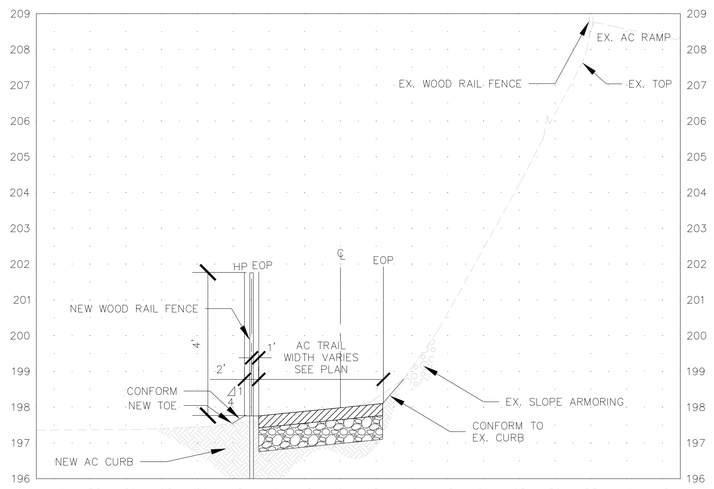
STA. 12+00 TO 12+25 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'



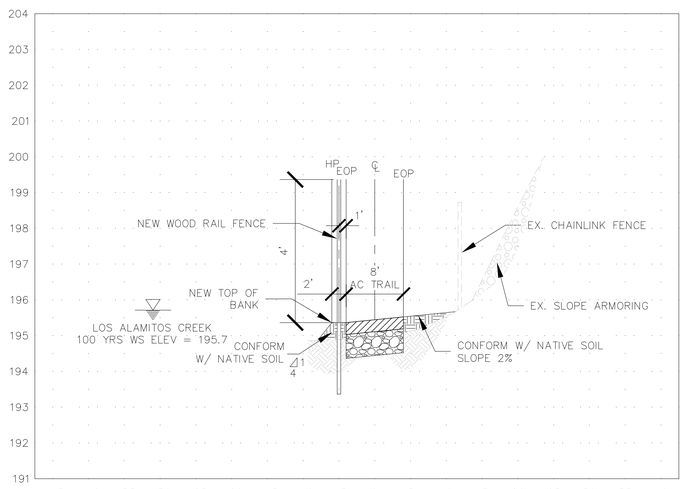
STA. 13+75 TO 14+47 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'



STA. 10+14 TO 10+37 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'



STA. 11+62 TO 12+00 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'



STA. 13+00 TO 13+75 SCALE: HORIZ.: 1"=10' & VERT: 1"=2'

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. ANY DISCREPANCIES MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

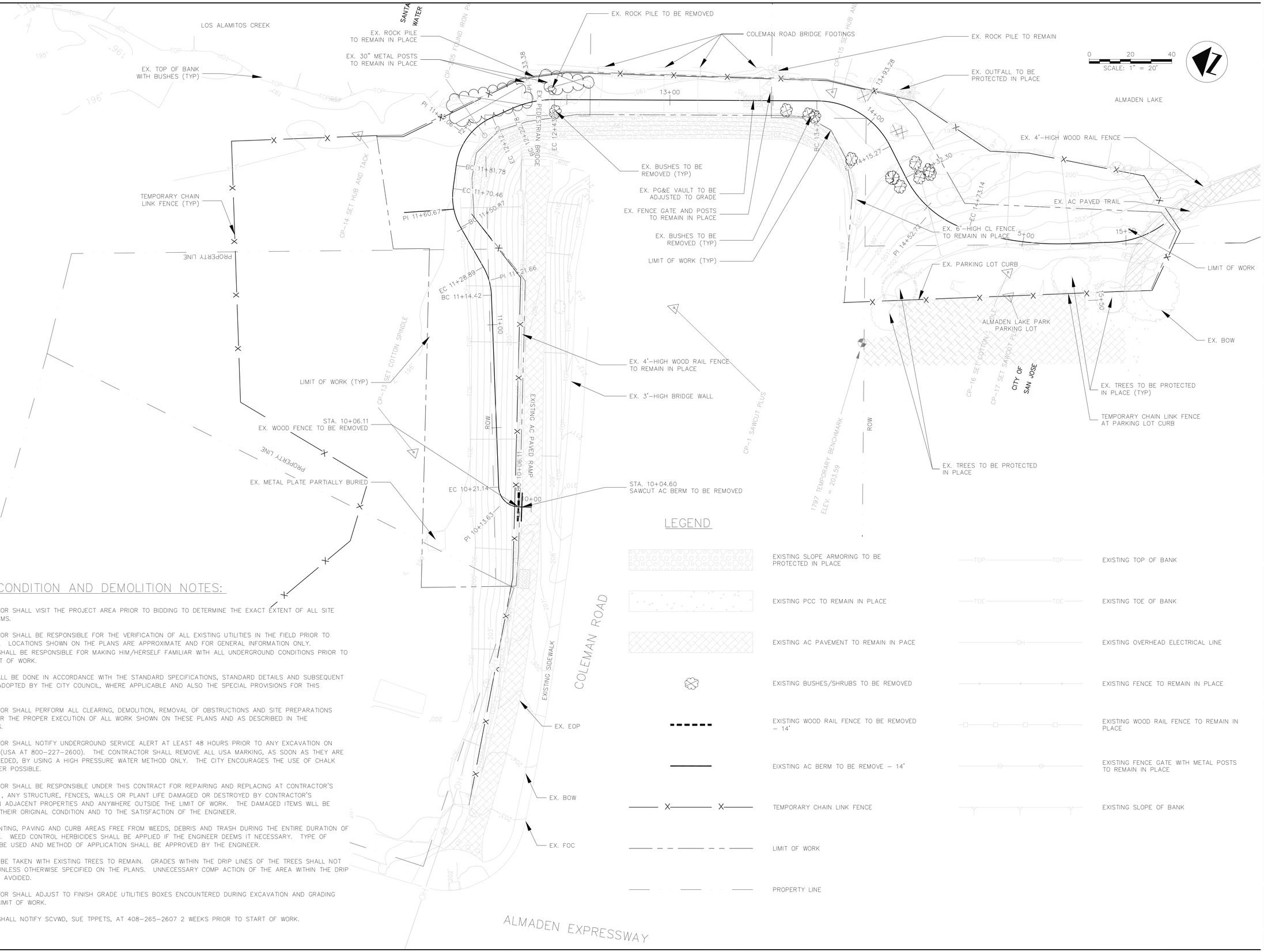
DRAWN BY: JK
CHECKED BY: JP
SCALE: AS NOTED
DATE: 07/2011
SECTION MANAGER:

SHEET TITLE:
TYPICAL CROSS SECTIONS

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C. CPMS# 6327

SHEET NO:
3
3 OF: 12

PROJECT NO:
6327



EXISTING CONDITION AND DEMOLITION NOTES:

1. THE CONTRACTOR SHALL VISIT THE PROJECT AREA PRIOR TO BIDDING TO DETERMINE THE EXACT EXTENT OF ALL SITE DEMOLITION ITEMS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIM/HERSELF FAMILIAR WITH ALL UNDERGROUND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, STANDARD DETAILS AND SUBSEQUENT ADDENDA AS ADOPTED BY THE CITY COUNCIL, WHERE APPLICABLE AND ALSO THE SPECIAL PROVISIONS FOR THIS PROJECT.
4. THE CONTRACTOR SHALL PERFORM ALL CLEARING, DEMOLITION, REMOVAL OF OBSTRUCTIONS AND SITE PREPARATIONS NECESSARY FOR THE PROPER EXECUTION OF ALL WORK SHOWN ON THESE PLANS AND AS DESCRIBED IN THE SPECIFICATIONS.
5. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION ON THIS PROJECT (USA AT 800-227-2600). THE CONTRACTOR SHALL REMOVE ALL USA MARKING, AS SOON AS THEY ARE NO LONGER NEEDED, BY USING A HIGH PRESSURE WATER METHOD ONLY. THE CITY ENCOURAGES THE USE OF CHALK PAINT WHENEVER POSSIBLE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING AND REPLACING AT CONTRACTOR'S OWN EXPANSE , ANY STRUCTURE, FENCES, WALLS OR PLANT LIFE DAMAGED OR DESTROYED BY CONTRACTOR'S OPERATION, ON ADJACENT PROPERTIES AND ANYWHERE OUTSIDE THE LIMIT OF WORK. THE DAMAGED ITEMS WILL BE RESTORED TO THEIR ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER.
7. KEEP ALL PLANTING, PAVING AND CURB AREAS FREE FROM WEEDS, DEBRIS AND TRASH DURING THE ENTIRE DURATION OF THE CONTRACT. WEED CONTROL HERBICIDES SHALL BE APPLIED IF THE ENGINEER DEEMS IT NECESSARY. TYPE OF HERBICIDE TO BE USED AND METHOD OF APPLICATION SHALL BE APPROVED BY THE ENGINEER.
8. CARE SHOULD BE TAKEN WITH EXISTING TREES TO REMAIN. GRADES WITHIN THE DRIP LINES OF THE TREES SHALL NOT BE CHANGED UNLESS OTHERWISE SPECIFIED ON THE PLANS. UNNECESSARY COMP ACTION OF THE AREA WITHIN THE DRIP LINE SHALL BE AVOIDED.
9. THE CONTRACTOR SHALL ADJUST TO FINISH GRADE UTILITIES BOXES ENCOUNTERED DURING EXCAVATION AND GRADING WORK WITHIN LIMIT OF WORK.
10. CONTRACTOR SHALL NOTIFY SCVWD, SUE TPPETS, AT 408-265-2607 2 WEEKS PRIOR TO START OF WORK.

LEGEND

EXISTING SLOPE ARMORING TO BE PROTECTED IN PLACE	EXISTING TOP OF BANK
EXISTING PCC TO REMAIN IN PLACE	EXISTING TOE OF BANK
EXISTING AC PAVEMENT TO REMAIN IN PACE	EXISTING OVERHEAD ELECTRICAL LINE
EXISTING BUSHES/SHRUBS TO BE REMOVED	EXISTING FENCE TO REMAIN IN PLACE
EXISTING WOOD RAIL FENCE TO BE REMOVED – 14'	EXISTING WOOD RAIL FENCE TO REMAIN IN PLACE
EIXSTING AC BERM TO BE REMOVE – 14'	EXISTING FENCE GATE WITH METAL POSTS TO REMAIN IN PLACE
TEMPORARY CHAIN LINK FENCE	EXISTING SLOPE OF BANK
LIMIT OF WORK	
PROPERTY LINE	

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. ANY DISCREPANCY MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

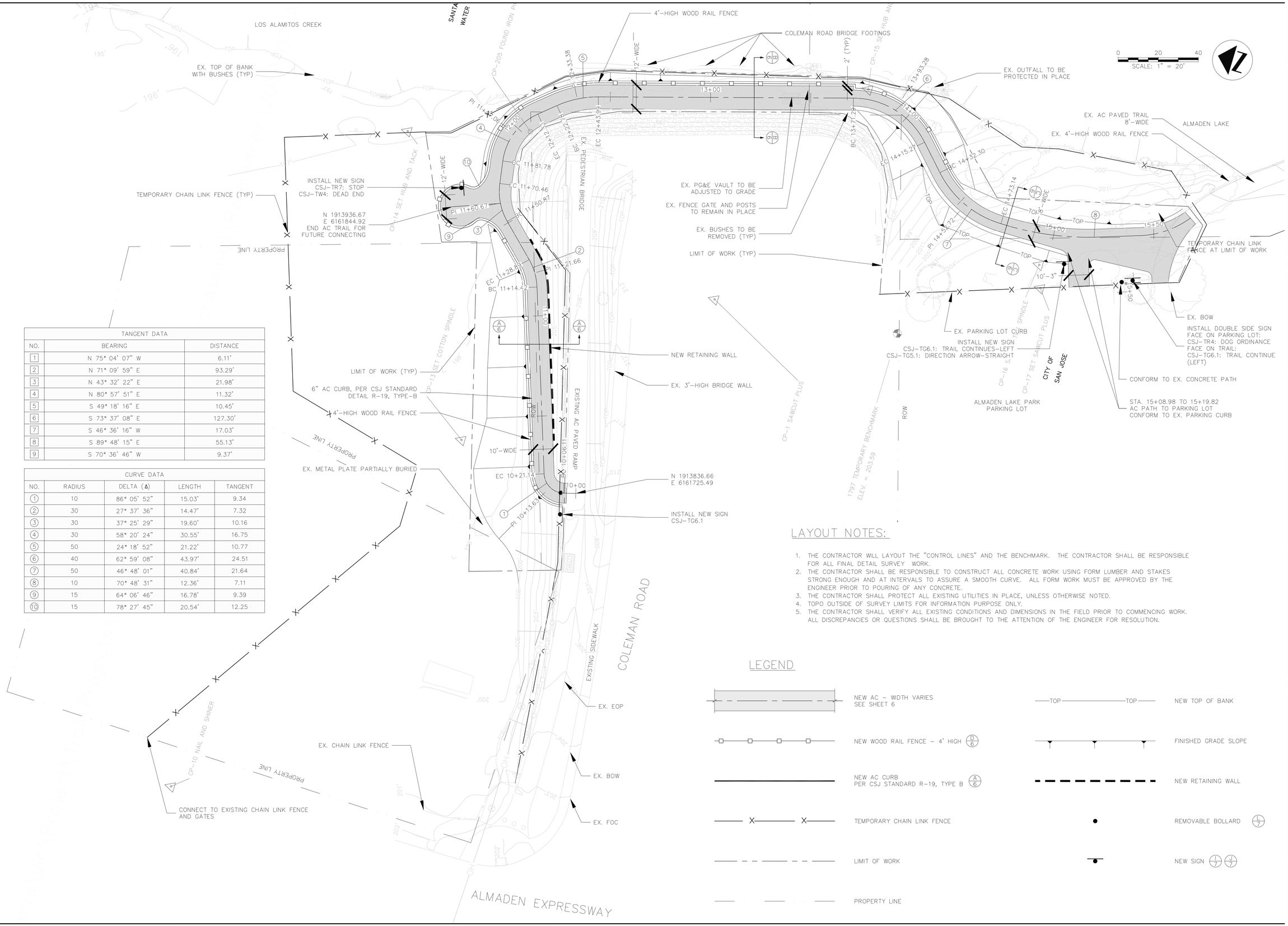
DRAWN BY: JK
CHECKED BY: JJ / JS
SCALE: 1" = 20'
DATE: 6/7/2011
SECTION MANAGER:

SHEET TITLE:
EX. CONDITION & DEMO PLAN

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C, CPMS# 6327

SHEET NO:
4
4 OF: 12

PROJECT NO:
6327



TANGENT DATA		
NO.	BEARING	DISTANCE
1	N 75° 04' 07" W	6.11'
2	N 71° 09' 59" E	93.29'
3	N 43° 32' 22" E	21.98'
4	N 80° 57' 51" E	11.32'
5	S 49° 18' 16" E	10.45'
6	S 73° 37' 08" E	127.30'
7	S 46° 36' 16" W	17.03'
8	S 89° 48' 15" E	55.13'
9	S 70° 36' 46" W	9.37'

CURVE DATA				
NO.	RADIUS	DELTA (Δ)	LENGTH	TANGENT
①	10	86° 05' 52"	15.03'	9.34
②	30	27° 37' 36"	14.47'	7.32
③	30	37° 25' 29"	19.60'	10.16
④	30	58° 20' 24"	30.55'	16.75
⑤	50	24° 18' 52"	21.22'	10.77
⑥	40	62° 59' 08"	43.97'	24.51
⑦	50	46° 48' 01"	40.84'	21.64
⑧	10	70° 48' 31"	12.36'	7.11
⑨	15	64° 06' 46"	16.78'	9.39
⑩	15	78° 27' 45"	20.54'	12.25

LAYOUT NOTES:

1. THE CONTRACTOR WILL LAYOUT THE "CONTROL LINES" AND THE BENCHMARK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL DETAIL SURVEY WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONSTRUCT ALL CONCRETE WORK USING FORM LUMBER AND STAKES STRONG ENOUGH AND AT INTERVALS TO ASSURE A SMOOTH CURVE. ALL FORM WORK MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING OF ANY CONCRETE.
3. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES IN PLACE, UNLESS OTHERWISE NOTED.
4. TOPO OUTSIDE OF SURVEY LIMITS FOR INFORMATION PURPOSE ONLY.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK. ALL DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.

LEGEND

- NEW AC – WIDTH VARIES SEE SHEET 6
- NEW WOOD RAIL FENCE – 4' HIGH (D/6)
- NEW AC CURB PER CSJ STANDARD R-19, TYPE B (A/6)
- TEMPORARY CHAIN LINK FENCE
- LIMIT OF WORK
- PROPERTY LINE
- TOP — TOP — NEW TOP OF BANK
- FINISHED GRADE SLOPE
- NEW RETAINING WALL
- REMOVABLE BOLLARD (7/7)
- NEW SIGN (7/7) (7/7)

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. ANY DISCREPANCIES MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

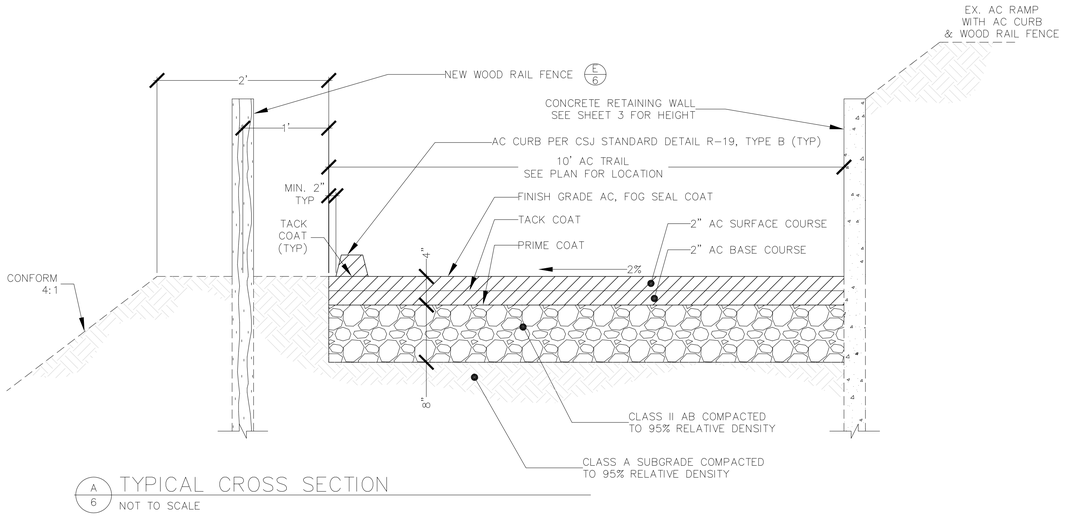
DRAWN BY: JK
CHECKED BY: J / J
SCALE: 1" = 20'
DATE: 6/7/2011
SECTION MANAGER:

SHEET TITLE: LAYOUT PLAN

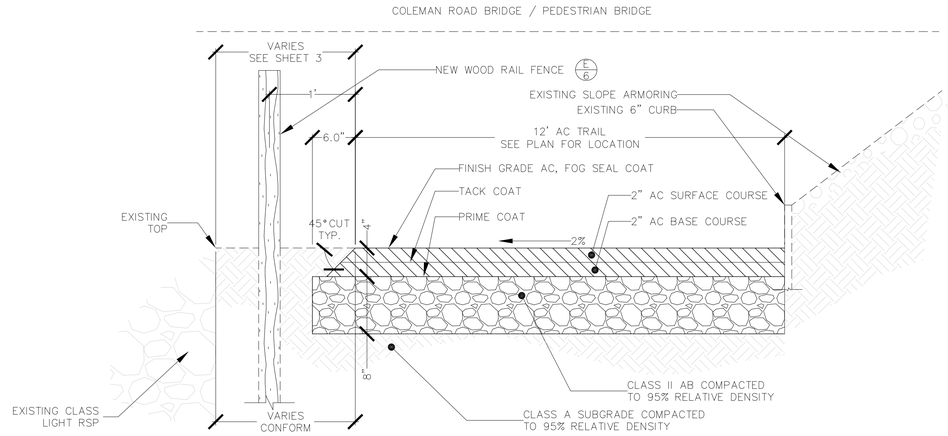
TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C, CPMS# 6327

SHEET NO: 5
5 OF: 12

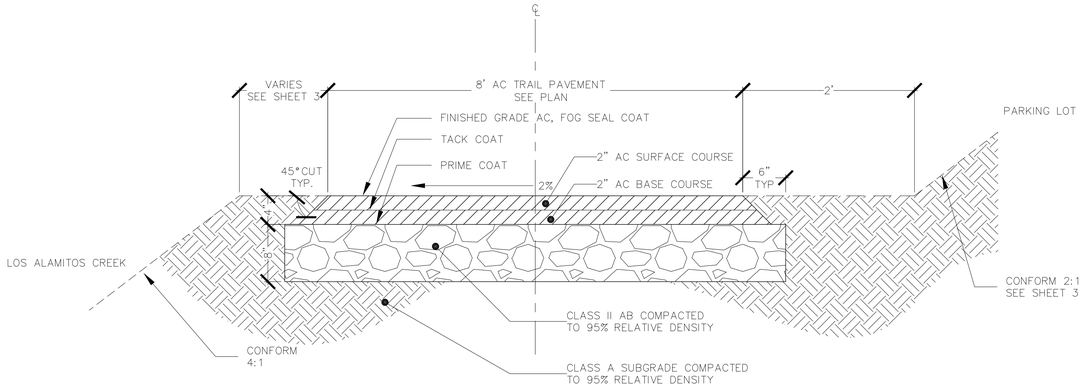
PROJECT NO: 6327



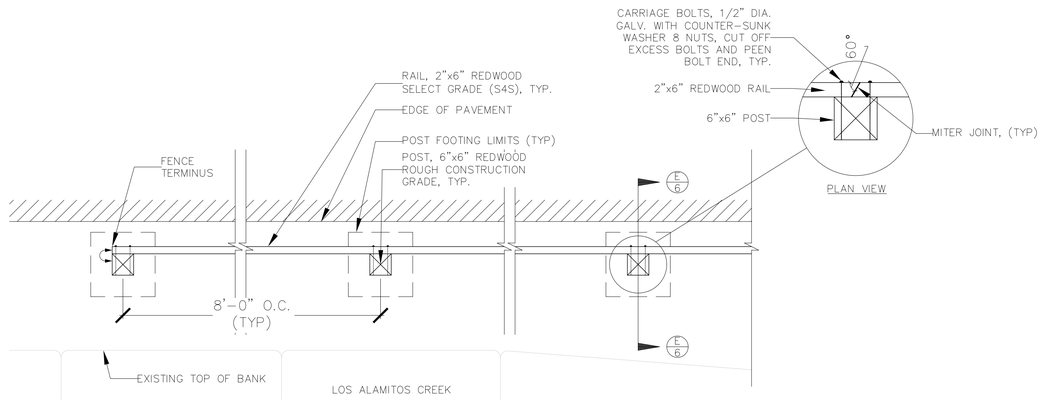
A 6 TYPICAL CROSS SECTION
NOT TO SCALE



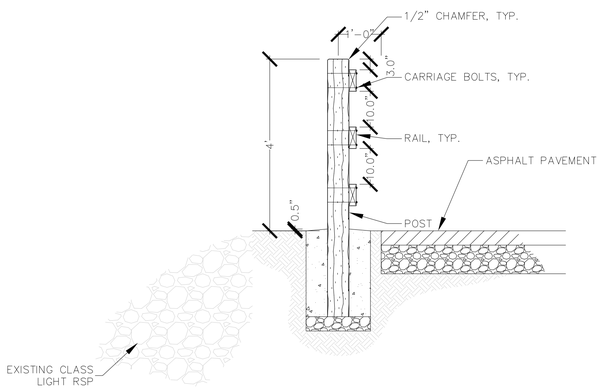
B 6 TYPICAL CROSS SECTION
NOT TO SCALE



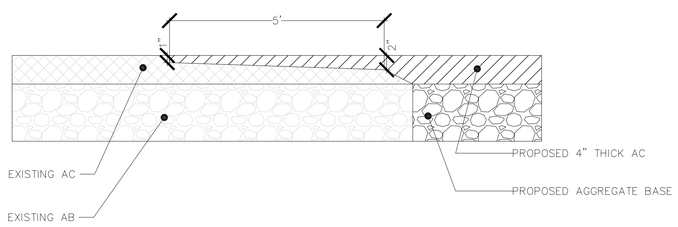
C 6 TYPICAL CROSS SECTION
NOT TO SCALE



D 6 POST AND WOOD RAIL FENCE
NOT TO SCALE



E 6 POST WOOD RAIL FENCE
NOT TO SCALE



F 6 ASPHALT CONCRETE CONNECTION
NOT TO SCALE

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. ANY DISCREPANCIES MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

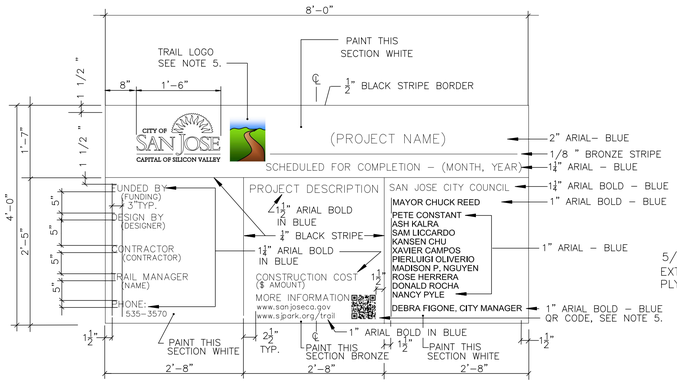
DRAWN BY: JK / HT
CHECKED BY: JT
SCALE: N.T.S.
DATE: 6/7/2011
SECTION MANAGER:

SHEET TITLE:
PAVEMENT & WOOD
RAIL FENCE DETAILS

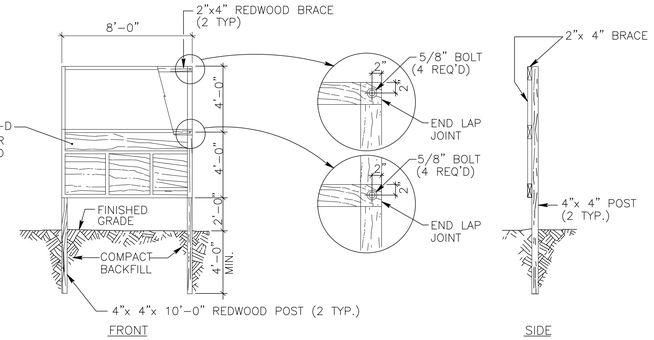
TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C. CPMS# 6327

SHEET NO:
6
6 OF: 12

PROJECT NO:
6327



ELEVATION



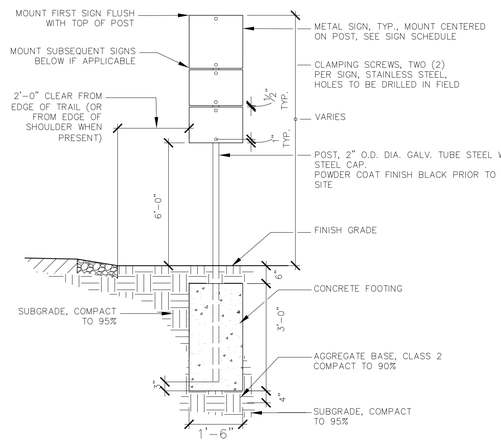
FRONT

SIDE

NOTES:
1. SIGN SHALL BE BOLTED TO (2) 4"x 4"x 10'–0" LONG REDWOOD POSTS.
2. SIGN SHALL BE LOCATED IN THE FIELD BY THE CITY INSPECTOR.
3. CONTRACTOR SHALL REMOVE THE SIGN AS DIRECTED BY THE ENGINEER.
4. SEE SPECIFICATIONS SECTION 015000 FOR ADDITIONAL WORDING FOR SIGN.
5. SEE SPECIFICATIONS SECTION 015000 FOR TRAIL LOGO AND QR CODE.
6. SIGN FOR REPRODUCTION SHOULD BE:
   A) FONT TYPES:
      SUN LOGO – BEMBO FONT
      ALL OTHERS – ARIAL (SAN SERIF) FONT
   B) COLORS:
      BLUE – PANTONE 648
      BRONZE – PANTONE 730
      SCREENED PANEL – PANTONE 730–33%

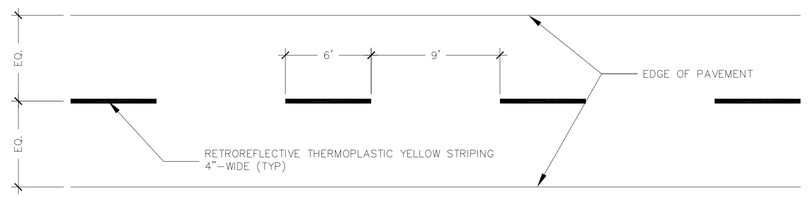
NOTE: INSTALL IN LOCATION TO BE DETERMINED BY CITY ENGINEER

H/7 CONSTRUCTION SIGN DETAIL
1 REQUIRED NOT TO SCALE

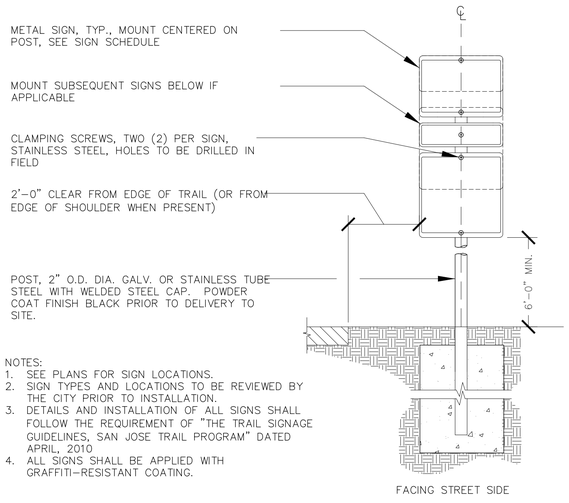


1/7 TRAIL SIGN DETAIL
NOT TO SCALE

NOTES:
1. SEE PLANS FOR SIGN LOCATIONS.
2. SIGN TYPES AND LOCATIONS TO BE REVIEWED BY CITY PRIOR TO INSTALLATION.
3. DETAILS AND INSTALLATION OF ALL SIGNS SHALL FOLLOW THE REQUIREMENT OF "THE TRAIL SIGNAGE GUIDELINES, CITY OF SAN JOSE TRAIL PROGRAM" DATED APRIL, 2010.
4. ALL SIGNS SHALL BE APPLIED WITH GRAFFITI–RESISTANT COATINGS.

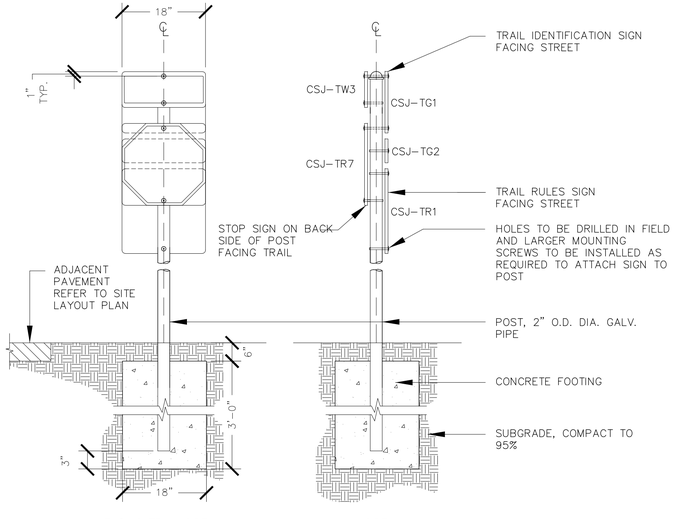


K/7 TRAIL STRIPING DETAIL
NOT TO SCALE



NOTES:
1. SEE PLANS FOR SIGN LOCATIONS.
2. SIGN TYPES AND LOCATIONS TO BE REVIEWED BY THE CITY PRIOR TO INSTALLATION.
3. DETAILS AND INSTALLATION OF ALL SIGNS SHALL FOLLOW THE REQUIREMENT OF "THE TRAIL SIGNAGE GUIDELINES, SAN JOSE TRAIL PROGRAM" DATED APRIL, 2010
4. ALL SIGNS SHALL BE APPLIED WITH GRAFFITI–RESISTANT COATING.

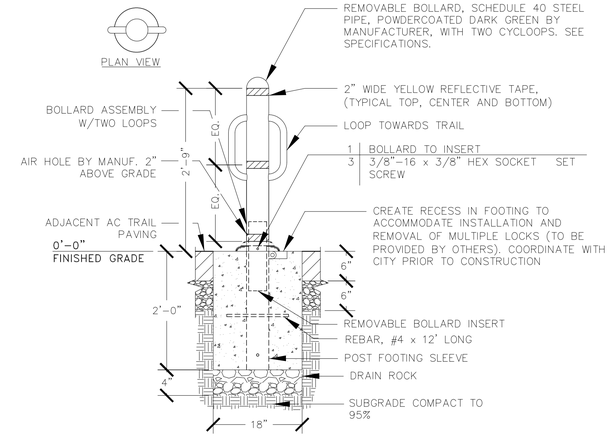
FACING STREET SIDE



FACING TRAIL SIDE

SIDE

J/7 TRASH RECEPTACLE
NOT TO SCALE



L/7 REMOVABLE BOLLARD
NOT TO SCALE

CITY OF SAN JOSE CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. ANY DISCREPANCY MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

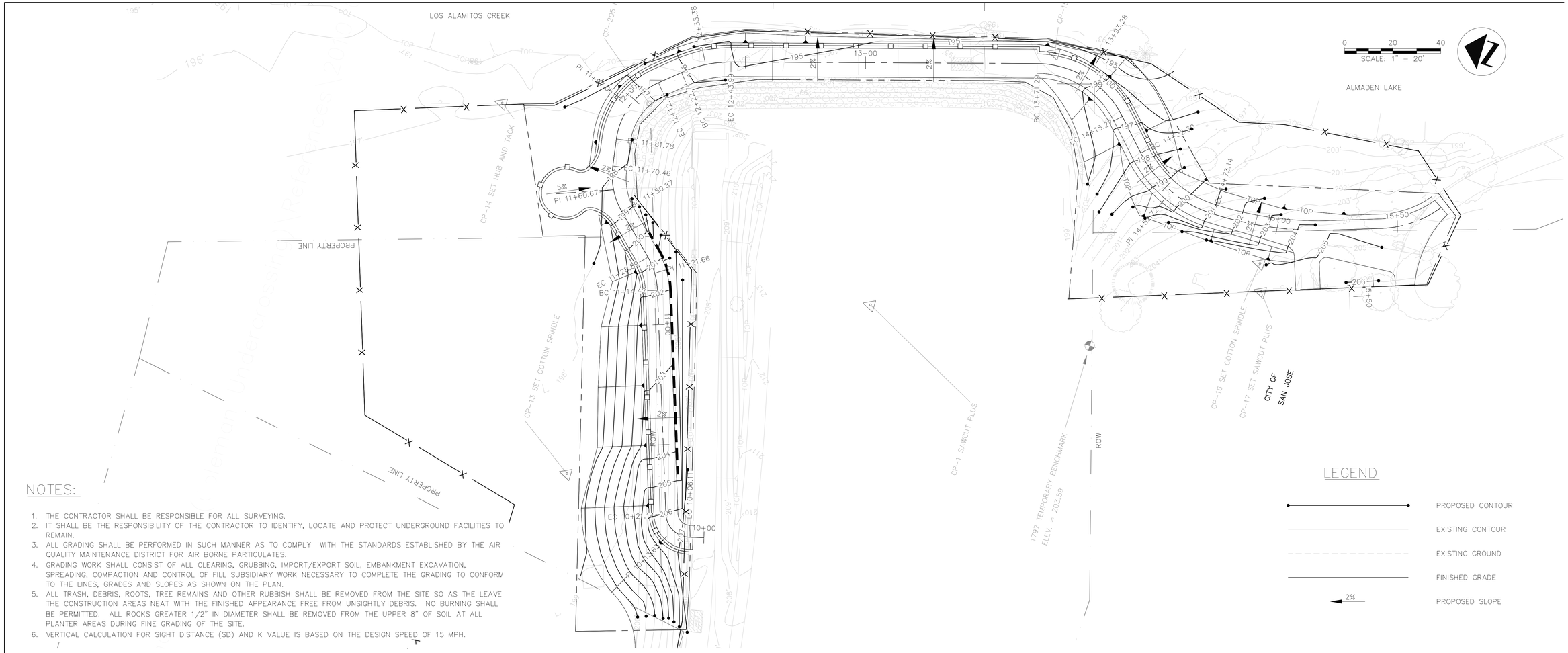
DRAWN BY: JK / HH
CHECKED BY: JT
SCALE: N.T.S.
DATE: 6/27/2011
SECTION MANAGER:

SHEET TITLE: CONSTRUCTION SIGN, STRIPING & SIGNAGE DETAILS

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER–CROSSING D&C, CPMS# 6327

SHEET NO: 7
7 OF: 12

PROJECT NO: 6327



NOTES:

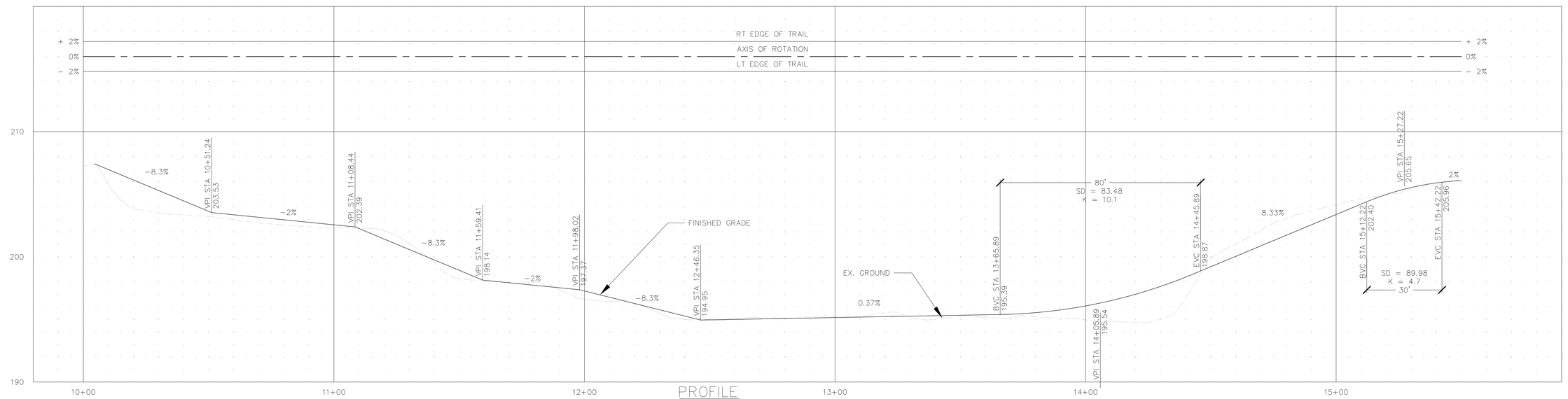
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURVEYING.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY, LOCATE AND PROTECT UNDERGROUND FACILITIES TO REMAIN.
3. ALL GRADING SHALL BE PERFORMED IN SUCH MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MAINTENANCE DISTRICT FOR AIR BORNE PARTICULATES.
4. GRADING WORK SHALL CONSIST OF ALL CLEARING, GRUBBING, IMPORT/EXPORT SOIL, EMBANKMENT EXCAVATION, SPREADING, COMPACTION AND CONTROL OF FILL SUBSIDIARY WORK NECESSARY TO COMPLETE THE GRADING TO CONFORM TO THE LINES, GRADES AND SLOPES AS SHOWN ON THE PLAN.
5. ALL TRASH, DEBRIS, ROOTS, TREE REMAINS AND OTHER RUBBISH SHALL BE REMOVED FROM THE SITE SO AS THE LEAVE THE CONSTRUCTION AREAS NEAT WITH THE FINISHED APPEARANCE FREE FROM UNSIGHTLY DEBRIS. NO BURNING SHALL BE PERMITTED. ALL ROCKS GREATER 1/2" IN DIAMETER SHALL BE REMOVED FROM THE UPPER 8" OF SOIL AT ALL PLANTER AREAS DURING FINE GRADING OF THE SITE.
6. VERTICAL CALCULATION FOR SIGHT DISTANCE (SD) AND K VALUE IS BASED ON THE DESIGN SPEED OF 15 MPH.

LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- EXISTING GROUND
- FINISHED GRADE
- 2% PROPOSED SLOPE

SUPERELEVATION DIAGRAM

HORIZ: 1"=20'



PROFILE

HORIZ: 1"=20'
VERT: 1"=4'

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. NO PART OF THIS DRAWING MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

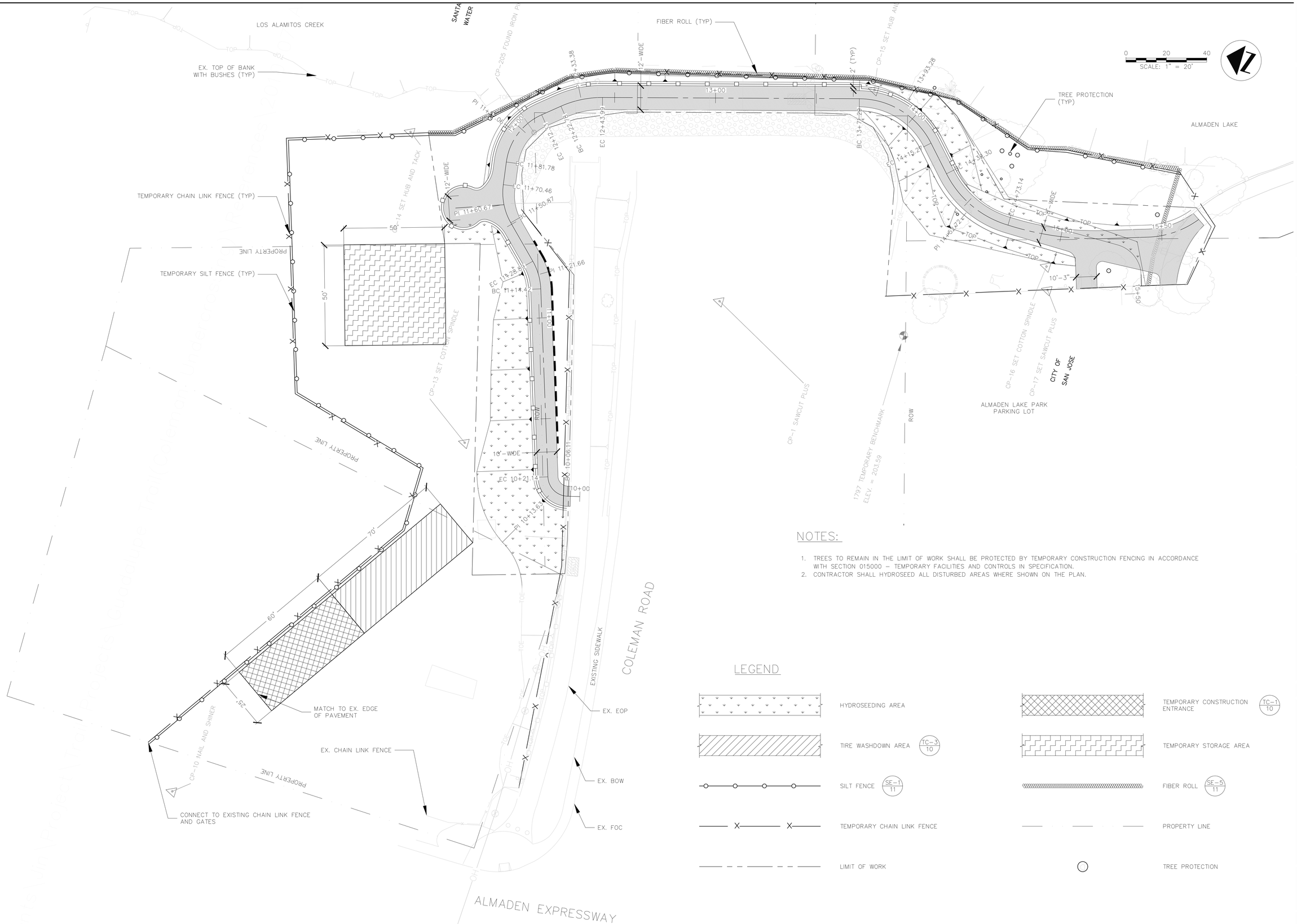
DRAWN BY: JK
CHECKED BY: JF
SCALE: 1" = 20'
DATE: 5/7/2011
SECTION MANAGER:

SHEET TITLE: GRADING & PROFILE PLAN

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C, CPMS# 6327

SHEET NO: 8
8 OF: 12

PROJECT NO: 6327



NOTES:

1. TREES TO REMAIN IN THE LIMIT OF WORK SHALL BE PROTECTED BY TEMPORARY CONSTRUCTION FENCING IN ACCORDANCE WITH SECTION 015000 – TEMPORARY FACILITIES AND CONTROLS IN SPECIFICATION.
2. CONTRACTOR SHALL HYDROSEED ALL DISTURBED AREAS WHERE SHOWN ON THE PLAN.

LEGEND

- HYDROSEEDING AREA
- TEMPORARY CONSTRUCTION ENTRANCE (TC-1 / 10)
- TIRE WASHDOWN AREA (TC-3 / 10)
- TEMPORARY STORAGE AREA
- SILT FENCE (SE-1 / 11)
- FIBER ROLL (SE-5 / 11)
- TEMPORARY CHAIN LINK FENCE
- PROPERTY LINE
- LIMIT OF WORK
- TREE PROTECTION

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. ANY DISCREPANCY MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

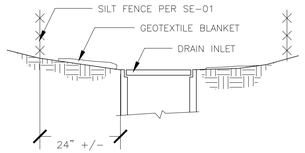
DRAWN BY: JK
CHECKED BY: JF
SCALE: 1" = 20'
DATE: 5/7/2011
SECTION MANAGER:

SHEET TITLE:
EROSION/SEDIMENT CONTROL PLAN

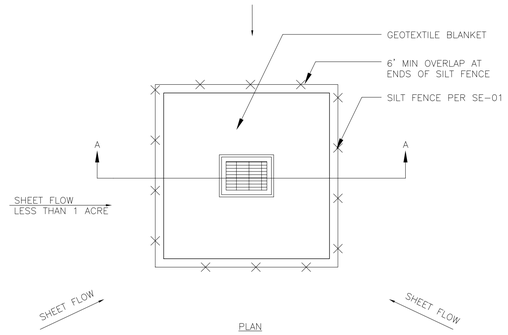
TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C, CPMS# 6327

SHEET NO:
9
9 OF: 12

PROJECT NO:
6327



SECTION A–A

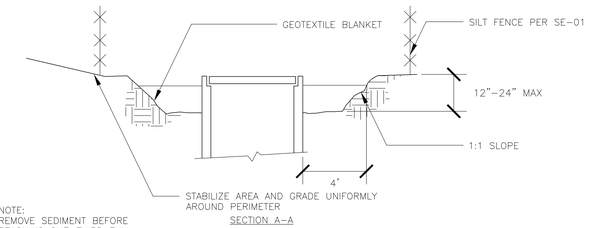


PLAN

NOTES:
1. FOR USE IN AREAS WHERE GRADING HAS BEEN COMPLETED AND FINAL SOIL STABILIZATION AND SEEDING ARE PENDING SHAPE BASIN SO THAT LONGEST INFLOW AREA FACES LONGEST LENGTH OF TRAP
2. NOT APPLICABLE IN PAVED AREAS
3. NOT APPLICABLE WITH CONCENTRATED FLOWS

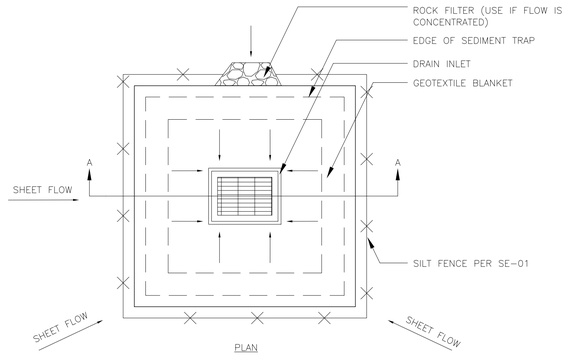
SE–10 STORM DRAIN INLET PROTECTION – TYPE 1

N.T.S.



NOTE:
REMOVE SEDIMENT BEFORE REACHING ONE–THIRD FULL

SECTION A–A

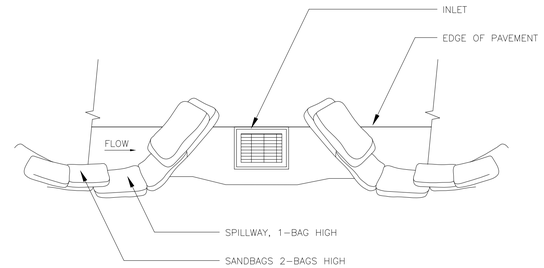


PLAN

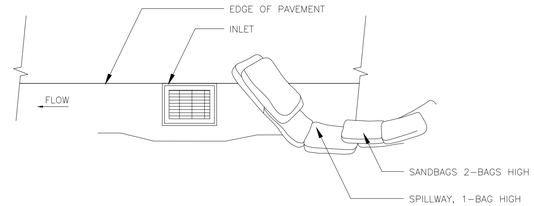
NOTES:
1. FOR USE IN CLEARED AND GRUBBED AND IN GRADED AREAS
2. SHAPE BASIN SO THAT LONGEST INFLOW AREA FACES LONGEST LENGTH OF TRAP
3. FOR CONCENTRATED FLOWS SHAPE BASIN IN 2:1 RATIO WITH LENGTH ORIENTED TOWARDS DIRECTION FLOW

SE–10 STORM DRAIN INLET PROTECTION – TYPE 2

N.T.S.



TYPICAL PROTECTION FOR INLET ON SUMP

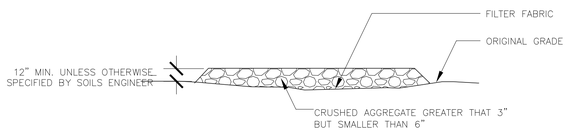


TYPICAL PROTECTION FOR INLET ON GRADE

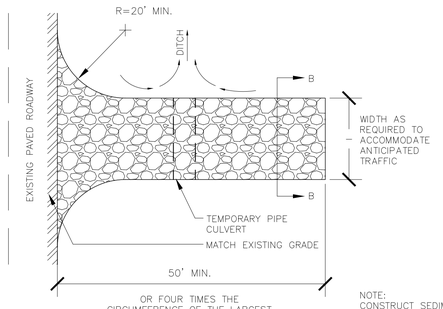
NOTES:
1. INTENDED FOR SHORT TERM USE
2. USED TO INHIBIT STORM WATER FLOW
3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP
4. BAG MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED
5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRICS

SE–10 STORM DRAIN INLET PROTECTION – TYPE 3

N.T.S.



SECTION B–B
N.T.S.

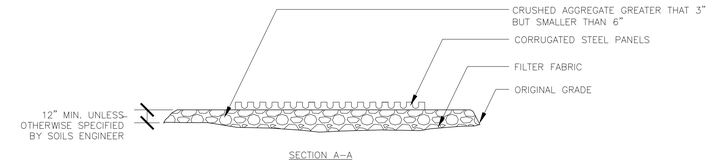


OR FOUR TIMES THE CIRCUMFERENCE OF THE LARGEST CONSTRUCTION VEHICLE TIRE, WHICHEVER IS GREATER

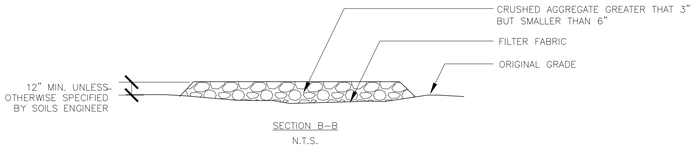
NOTE:
CONSTRUCT SEDIMENT BARRIER AND CHANNELIZE RUNOFF TO SEDIMENT TRAPPING DEVICE

TC–1 STABILIZED CONSTRUCTION ENTRANCE/EXIT

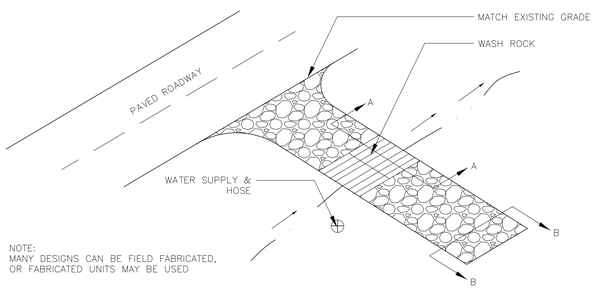
N.T.S.



SECTION A–A
N.T.S.



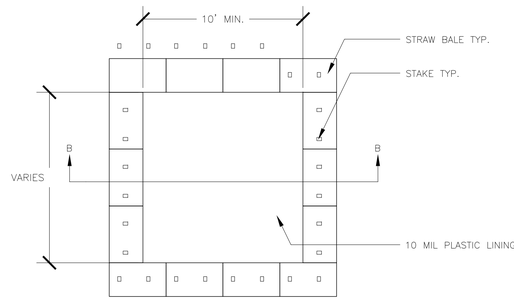
SECTION B–B
N.T.S.



NOTE:
MANY DESIGNS CAN BE FIELD FABRICATED, OR FABRICATED UNITS MAY BE USED

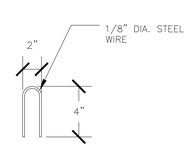
TC–3 ENTRANCE / OUTLET TIRE WASH

N.T.S.



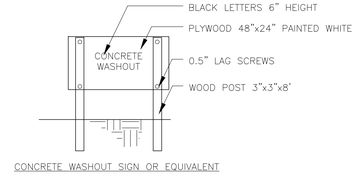
PLAN
N.T.S.

TYPE "ABOVE GRADE" STRAW BALES

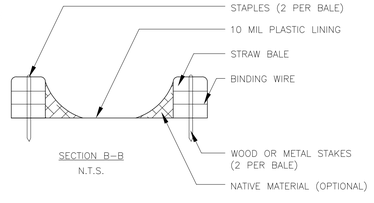


STAPLE DETAIL
N.T.S.

NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY



CONCRETE WASHOUT SIGN OR EQUIVALENT
N.T.S.



SECTION B–B
N.T.S.

WM–8 CONCRETE WASTE MANAGEMENT

N.T.S.

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

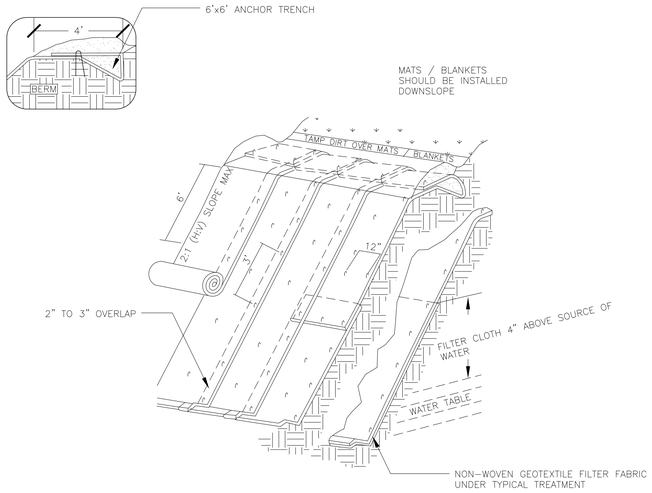
DRAWN BY: MP
CHECKED BY: BH
SCALE: AS NOTED
DATE: 6/7/2011
SECTION MANAGER:

SHEET TITLE:
BEST MANAGEMENT PRACTICES
NO SWPPP REQUIRED

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER–CROSSING D&C, CPMS# 6327

SHEET NO: 10
10 OF: 12

PROJECT NO: 6327



ISOMETRIC VIEW

TYPICAL SLOPE SOIL STABILIZATION

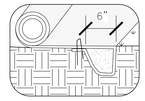
N.T.S.

NOTES:

1. SLOPE SURFACES SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS. MATS / BLANKETS SHALL HAVE GOOD SOIL CONTACT
2. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH
3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

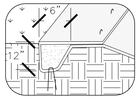
EC-7 GEOTEXTILES AND MATS TYPICAL INSTALLATION DETAIL

N.T.S.



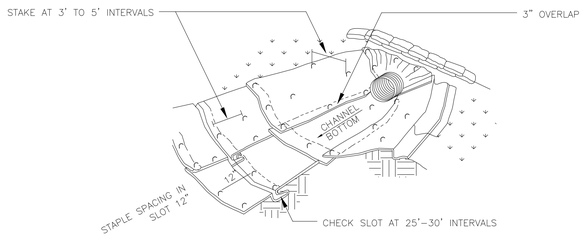
INITIAL CHANNEL ANCHOR TRENCH

N.T.S.



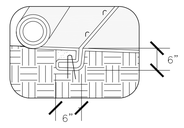
TERMINAL SLOPE AND CHANNEL ANCHOR TRENCH

N.T.S.



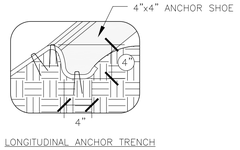
ISOMETRIC VIEW

N.T.S.



INTERMITTENT CHECK SLOT

N.T.S.



LONGITUDINAL ANCHOR TRENCH

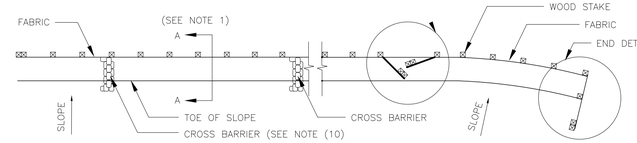
N.T.S.

NOTES:

1. CHECK SLOTS TO BE CONSTRUCTED PER MANUFACTURER'S SPECIFICATIONS
2. STAKING OR STAPLING PER MANUFACTURER'S SPECIFICATIONS
3. INSTALL PER MANUFACTURER'S SPECIFICATIONS

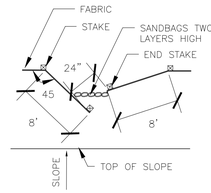
EC-7 GEOTEXTILES AND MATS TYPICAL INSTALLATION DETAIL

N.T.S.

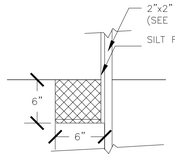


SILT FENCE PLAN

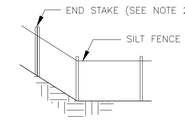
N.T.S.



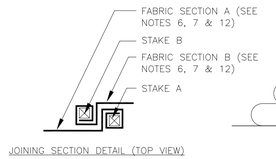
OPTIONAL MAINTENANCE OPENING DETAIL



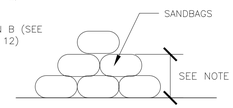
DETAIL A



END DETAIL

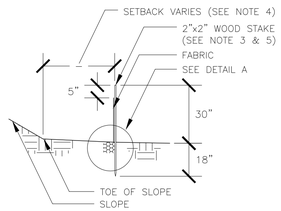


JOINING SECTION DETAIL (TOP VIEW)

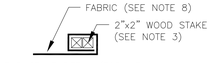


SECTION C-C

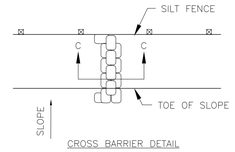
N.T.S.



SECTION A-A



END STAKE DETAIL (TOP VIEW)



CROSS BARRIER DETAIL

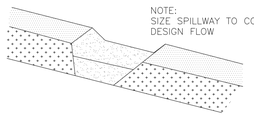
N.T.S.

NOTES:

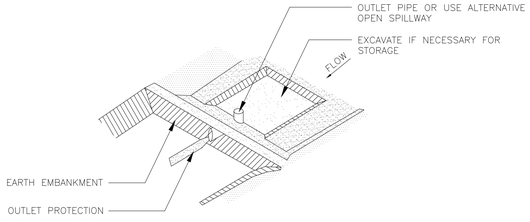
1. CONSTRUCT LENGTH OF EACH REACH SO THAT THE CHANGE IN BASE ELEVATION ALONG THE REACH DOES NOT EXCEED 1/3 THE HEIGHT OF THE LINEAR BARRIER IN NO CASE SHALL THE REACH LENGTH EXCEED 500'
2. THE LAST 8'-0" OF FENCE SHALL BE TURNED UP SLOPE
3. STAKE DIMENSIONS ARE NOMINAL
4. DIMENSION MAY VARY TO FIT FIELD CONDITIONS
5. STAKES SHALL BE SPACED AT 8'-0" MAXIMUM AND SHALL BE POSITIONED ON THE DOWNSIDE OF THE FENCE
6. STAKES TO OVERLAP AND FENCE FABRIC TO FOLD AROUND EACH STAKE ONE FULL TURN. SECURE FABRIC TO STAKE WITH 4 STAPLES
7. STAKES SHALL BE DRIVEN LIGHTLY TOGETHER TO PREVENT POTENTIAL FLOW-THROUGH OF SEDIMENT AT JOINT. THE TOPS OF THE STAKES SHALL BE SECURED WITH WIRE
8. FOR END STAKE FENCE FABRIC SHALL BE FOLDED AROUND TWO STAKES ONE FULL TURN AND SECURED WITH 4 STAPLES
9. MINIMUM 4 STAPLES PER STAKE. DIMENSIONS SHOWN ARE TYPICAL
10. CROSS BARRIERS SHALL BE A MINIMUM OF 1/3 AND A MAXIMUM OF 1/2 HEIGHT OF THE LINEAR BARRIER
11. MAINTENANCE OPENINGS SHALL BE CONSTRUCTED INA MANNER TO ENSURE SEDIMENT REMAINS BEHIND SILT FENCE
12. JOINING SECTIONS SHALL NOT BE PLACES AT SUMP LOCATIONS
13. SANDBAG ROWS AND LAYERS SHALL BE OFFSET TO ELIMINATE GAPS

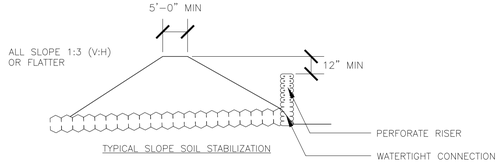
SE-1 SILT FENCE

N.T.S.



TYPICAL OPEN SPILLWAY

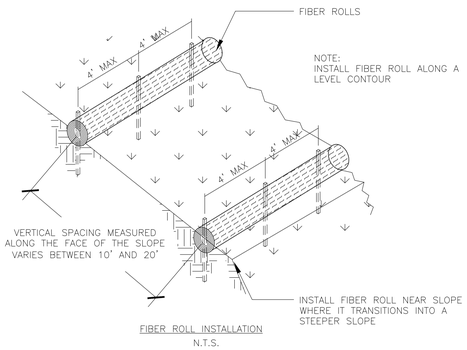




TYPICAL SLOPE SOIL STABILIZATION

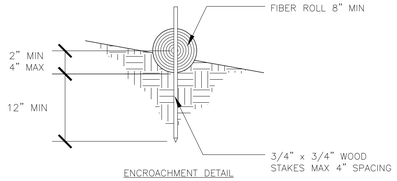
SE-3 SEDIMENT TRAP

N.T.S.



FIBER ROLL INSTALLATION

N.T.S.



ENCROACHMENT DETAIL

N.T.S.

SE-5 FIBER ROLLS

N.T.S.

EROSION CONTROL NOTES:

THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN A TEMPORARY EROSION AND SEDIMENT CONTROL PLAN (EROSION CONTROL PLAN) FOR THE PROJECT THAT SHALL CONFORM TO THE PROJECT SPECIAL PROVISIONS, THE PLANS AND THE PROVISIONS IN SECTION 7-1.01 G, "WATER POLLUTION" OF THE CITY OF SAN JOSE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL IMPLEMENT EROSION AND SEDIMENT CONTROL PRACTICES DETAILED IN THE EROSION CONTROL AND SEDIMENT CONTROL FIELD MANUAL, 3RD EDITION AND THE CALIFORNIA STORMWATER BMP HANDBOOK, CONSTRUCTION, PREPARED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, SAN FRANCISCO BAY REGION.

THE EROSION CONTROL PLAN WORK SHALL CONSIST OF APPLYING BEST MANAGEMENT PRACTICES (BMPS) TO CONTROL THE DISCHARGE OF STORMWATER POLLUTANTS IN FULL COMPLIANCE WITH THE REVISED STATE REGULATIONS. BMPS SHALL BE USED TO COVER ALL TEMPORARY EROSION AND SEDIMENT CONTROL SITUATIONS THAT ARISE DURING CONSTRUCTION INCLUDING UNANTICIPATED FIELD CONDITIONS YEAR-ROUND. THESE EROSION AND SEDIMENT CONTROL MEASURES SHALL CONTROL AND CONTAIN EROSION-CAUSED SILT DEPOSITS AND PROVIDE FOR THE SAFE DISCHARGE OF SILT-FREE STORM WATER INTO EXISTING AND PROPOSED STORM DRAIN FACILITIES.

THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION CONTROL PLAN WORK FOR THE PROJECT THAT SHALL INCLUDE:

A. PROHIBITION OF ILLICIT DISCHARGE (NON-RAIN WATER) INTO THE STORM DRAINAGE SYSTEM.

B. CONSTRUCTION OF ANY AND ALL NECESSARY SYSTEMS TO ELIMINATE CONTAMINANTS FROM ENTERING THE STORM WATER SYSTEM.

C. CLEAN UP AND CONTROL OF WORK SITE MATERIALS, SPOILS AND DEBRIS.

D. REMOVAL OF CONTAMINANTS PRODUCED BY EQUIPMENT USED FOR THE CONSTRUCTION OF THE PROJECT.

E. PROVISION OF ALL LABOR, MATERIALS, EQUIPMENT AND APPARATUS NOT SPECIFICALLY MENTIONED HEREIN OR NOTED ON THE PLANS, BUT WHICH ARE INCIDENTAL AND NECESSARY TO COMPLETE THE WORK SPECIFIED.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS, AND SUPPLIERS ARE AWARE OF ALL STORM WATER QUALITY MEASURES AND THAT THEY IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE STORMWATER QUALITY REGULATIONS AND SPECIFICATIONS WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS AND/OR A PROJECT STOP ORDER.

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DAILY. THE NAME OF THE PERSON RESPONSIBLE FOR THE DAILY MAINTENANCE OF THESE FACILITIES SHALL BE ON RECORD WITH THE CITY OF SAN JOSE DEPARTMENT OF PUBLIC WORKS ALONG WITH A PHONE NUMBER WHERE THEY CAN BE REACHED 24 HOURS A DAY.

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB. ANY DISCREPANCY MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: MP
CHECKED BY: BH
SCALE: 1"=20'-0"
DATE: 6/7/2011
SECTION MANAGER:

SHEET TITLE:
BEST MANAGEMENT PRACTICES
NO SWPPP REQUIRED

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING
D&C:
CPMS# 6327

SHEET NO:
11
11 OF: 12

PROJECT NO:
6327

POST THIS NOTICE AT THE JOB SITE

CLEAN BAY BLUEPRINT

Stormwater Pollution Prevention

Stormwater pollution is a major source of water pollution in California. It can cause declines in fisheries, disrupt habitats, and limit water recreation activities. Even more importantly, stormwater pollution poses a serious threat to the overall health of the ecosystem.

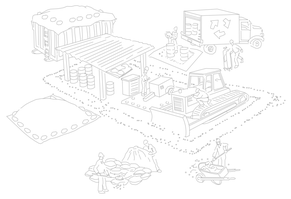
Common sources of pollutants from construction sites include: sediments from soil erosion; construction materials, stockpiles and waste (e.g., paint, solvents, concrete, drywall); and spilled oil, fuel, and other fluids from construction vehicles and heavy equipment.

In San Jose, the storm drain system consists of gutters, storm drains, underground pipes, open channels, culverts and creeks. Storm drain systems are designed to drain directly to the Bay with no treatment.

San Jose and the other municipalities in the Bay Area are required by the Federal Clean Water Act to develop stormwater management programs that include requirements for construction activities. Your construction project will need to comply with local municipal requirements. If your construction activity will disturb one acre or more, you must also obtain insurance coverage under the General Construction Activity Permit issued by the State Water Resources Control Board.

This Clean Bay Blueprint is an introductory guide to stormwater quality control on construction sites. It contains several principles and techniques that you can use to help prevent stormwater pollution. The Bay Area Stormwater Management Agencies Association (BASMAA) and the City of San Jose have developed these guidelines as a resource for all general contractors, home builders, and subcontractors working on construction sites.

Employees should be trained and subcon tractors informed about the stormwater requirements and their own responsibilities. The property owner and the contractor are responsible for all activities at your site, including activities by your subcontractors and employees.



CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

Material Storage and Spill Clean Up

- Cover exposed piles of soil, construction materials and wastes with plastic sheeting or temporary roofs. Before it rains, sweep and remove materials from surfaces that drain to storm drains, creeks, or channels.
- Build berms around storage areas to prevent contact with runoff.
- Store containers of paints, chemicals, solvents, and other hazardous materials in accordance with secondary containment regulations and under cover during rainy periods.
- Cover open dumpsters with plastic sheeting or a tarp during rainy weather. Secure the sheeting or tarp around the outside of the dumpster. If your dumpster has a cover, close it.
- If a dumpster is leaking, contain and collect leaking material. Return the dumpster to the leasing company for repair or exchange.
- Sweep up spilled dry materials (for example cement, mortar, or fertilizer) immediately. Never attempt to "wash them away" with water, or bury them. Use only minimal water for dust control.
- Clean up liquid spills on paved or impermeable surfaces using "dry" cleanup methods (for example absorbent materials like cat litter, sand or rags). Have spill cleanup kits available.
- Clean up spills on dirt areas by digging up and properly disposing of the contaminated soil.

Report significant spills to the appropriate spill response agencies immediately.

Earth-Moving Activities and Erosion Control

- Avoid contaminating clean runoff from areas adjacent to your site by using berms and/or temporary or permanent drainage ditches to divert water flow around the site. Reduce stormwater runoff velocities by constructing temporary check dams and/or berms, where appropriate.
- Construct diversion dikes and drainage swales to channel runoff around the site.
- Use berms and drainage ditches to divert runoff around exposed areas. Place diversion ditches across the top of cut slopes.
- Plant vegetation on exposed slopes. Where replanting is not feasible, cover with erosion control blankets (for example mulch netting or matting of jute, straw, glass fiber or excelsior).
- Cover stockpiled soil and landscaping materials with secured plastic sheeting and divert runoff around them. Keep exposed stockpiles off of paved roadways, sidewalks and driveways.
- Protect drainage courses, creeks, or catch basins with backup measures such as silt fences and/or temporary drainage swales.
- Conduct routine inspections of all erosion and sediment control measures and repair when necessary. This is particularly critical before, during and immediately after rainstorms.
- Protect storm drain inlets from sediment-laden runoff. Storm drain inlet protection devices include barriers of burlap bags filled with drain rock, filter fabric fences, block and gravel filters, and excavated drop inlet sediment traps.
- Limit on-site construction routes and stabilize construction entrances. Prevent construction vehicles from tracking soil onto adjacent streets.
- Dry-sweep, where possible, to clean sediments from streets, driveways and paved areas on construction sites. If water must be used to flush pavement, collect runoff to settle out sediments and protect storm drain inlets.
- Prevent all debris, construction materials, soil, rock, etc. from being introduced into any storm drain or sanitary sewer structures.

Roadwork and Pavement Construction

- Apply concrete, asphalt, and seal coat during dry weather to prevent unset paving material from washing away with stormwater runoff.
- Cover storm drain inlets and manholes when paving or applying seal coat, slurry seal, fog seal, etc.
- Always park paving machines over drip pans or absorbent materials, since they tend to drip continuously. Do not spray diesel fuel to prevent asphalt build up on equipment. Use alternatives, such as citrus-based products.
- Use as little water as possible when making saw-cuts in pavement. Contain the slurry by placing rock bags, or temporary berms as close to the saw-cuts as possible. Vacuum "wet", or allow slurry to dry and shovel.
- Wash down exposed aggregate concrete only when the wash water can:

  (1) Flow onto a dirt area;

  (2) Drain onto a bermed surface from which it can be pumped and disposed of properly; or

  (3) Be vacuumed from a catchment created by blocking a storm drain inlet. If necessary, divert runoff with temporary berms. Make sure runoff does not reach gutters or storm drains.
- **Never wash sweepings from exposed aggregate concrete into a street or storm drain.** Collect and return to aggregate base stockpile, or dispose with trash.

Update pollution prevention measures as construction phases change or are completed.

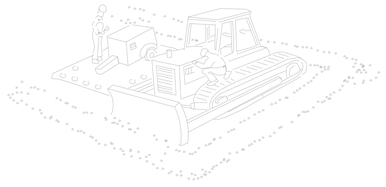
Useful Phone Numbers

Spill Response Agencies	
Dial 911 for Hazardous Materials Spills	
Santa Clara Valley Water District Environmental Compliance Division	(408) 265-2600
Governor's Office of Emergency Services Warning Center	(800) 852-7550 (24 hours)
City of San Jose Environmental Services Department Environmental Enforcement Division	(408) 945-3000
Local Recyclers and Disposal Services	
Santa Clara Countywide Recycling Hotline Integrated Waste Management Division	1(800) 533-8414
Local Pollution Control Agencies	
Santa Clara County Department of Environmental Health Hazardous Materials Compliance Division	(408) 918-3400
Santa Clara Valley Water District	(408) 265-2600
San Jose/Santa Clara Water Pollution Control Plant	(408) 945-5300
City of San Jose	
http://www.sanjoseca.gov	
Department of Planning, Building and Code Enforcement	(408) 535-7747
Department of Public Works Grading Permits and Inspections	(408) 535-3555

For more information on Stormwater requirements, call the State Water Resources Control Board's Stormwater Information Line at (916) 341-5537, or San Jose's Environmental Enforcement Division at (408) 945-3000.

Vehicle and Equipment Maintenance

- Maintain all vehicles and heavy equipment. Inspect frequently and repair leaks.
- Use drip pans or drop cloths to catch drips and spills if you must drain and replace motor oil, radiator coolant, or other fluids on-site. Collect all spent fluids, store in labeled separate con\fs26 tainers, and recycle whenever possible. Keep all fuels, oils and lubricants within secondary containment.
- Designate specific areas of the construction site, well away from creeks or storm drain inlets, for auto and equipment parking and routine vehicle and equipment maintenance.
- Perform major maintenance, repair jobs and vehicle and equipment washing off-site when feasible, or in designated and controlled areas on-site.
- Wash vehicles at an appropriate off-site facility. If equipment must be washed on-site, just use water and **prevent water from entering the storm drain.** Do not use soaps, solvents, degreasers, or steam cleaning equipment. Direct wash water to an area that will not flow to any storm drain inlets. The waste wash water can evaporate and/or infiltrate within this designated area.
- Refuel vehicles and heavy equipment in one designated location on the site and **clean up spills immediately.**
- Oil, antifreeze, batteries, and tires should also be recycled. Please contact the County Household Hazardous Waste Program at (408) 299-7300 for assistance on how you may dispose of your hazardous wastes.



Paints, Solvents and Adhesives

- Sweep up or collect non-hazardous paint chips and dust from dry stripping and sandblasting in plastic drop cloths and dispose of as trash. Dispose of chemical paint stripping residue and chips and dust from marine paints or paints containing lead or tributyl tin as hazardous waste.
- **Never clean brushes or rinse paint containers into a street, gutter, storm drain, or creek.**
- For water-based paints, paint out brushes to the maximum extent possible and rinse to a drain leading to the sanitary sewer (i.e., indoor plumbing). Dried latex paint may be disposed of in the trash.
- For oil-based paints, paint out brushes to the maximum extent possible, and filter and reuse thinners and solvents. Dispose of unusable thinners and residue as hazardous waste.
- Unwanted paint (that is not recycled), thinners, and sludges must be disposed of as hazardous waste.

Have spill cleanup kits available.

Concrete, Cement and Mortars

- Avoid mixing excess amounts of fresh concrete or cement mortar on-site.
- Wash out concrete transit mixers only in designated wash-out areas where the water will flow into settling ponds or onto dirt or stockpiles of aggregate base or sand. Whenever possible, recycle washout by pumping back into mixers for reuse. **Never dispose of washout into the street, storm drains, drainage ditches, or creeks.**
- Whenever possible, return contents of mixer barrel to the yard for recycling. Dispose of small amounts of excess concrete, grout, and mortar in the trash.

Call Environmental Enforcement at (408) 945-3000 before dewatering and/or pumping into storm or sanitary sewer systems.

Waste Disposal

- Keep pollutants off exposed surfaces. Place trash cans around the site to reduce litter. Dispose of non-hazardous construction wastes in covered dumpsters or recycling receptacles.
- Recycle leftover materials whenever possible. Materials such as concrete, asphalt, scrap metal, solvents, degreasers, cleared vegetation, paper, rock, and vehicle maintenance materials such as used oil, antifreeze, batteries, and tires are recyclable.
- Recycle leftover construction and demolition materials whenever possible. Materials such as concrete, rock, asphalt, cleared vegetation, scrap metal, wood, carpet, drywall can be recycled. For a list of facilities that will accept these materials. http://www.sjrecycles.org/business/cddd-certified-facilities.htm
- Dispose of all wastes properly. Materials that cannot be reused or recycled must be taken to an appropriate landfill or disposed of as hazardous waste.
- **Never throw or dispose of debris into channels, creeks or into wetland aeas. Never store or leave debris in the street or near a creek where it may contact runoff.**
- Illegal dumping is a violation subject to a fine and/or time in jail. Be sure that trailers carrying your materials are covered during transit. If not, the hauler may be cited and fined.
- Do not dispose of plant material in a creek or drainage facility or leave it in a roadway where it can clog storm drain inlets.
- Avoid disposal of plant material in trash dumpsters or mixing it with other wastes. Compost plant material or take it to a landfill or other facility that composts yard waste.
- Check with the Fire Department with questions on proper storage of hazardous materials.
- Protect all wastes from rainwater and runoff.

CLEAN BAY BLUEPRINT

CITY OF SAN JOSE CAPITAL OF SILICON VALLEY

FOR INFORMATION ONLY

CITY OF SAN JOSE CAPITAL OF SILICON VALLEY

DEPARTMENT OF PUBLIC WORKS
SAN JOSE, CALIFORNIA

City Facilities Architectural Services Division

DAVID SYKES
ACTING DIRECTOR
DEPARTMENT OF PUBLIC WORKS

DRAWN BY: MP
CHECKED BY: BH
SCALE: AS NOTED
DATE: 6/7/2011
SECTION MANAGER:

SHEET TITLE: BEST MANAGEMENT PRACTICES NO SWPP REQUIRED

TRAIL: GUADALUPE RIVER / COLEMAN ROAD UNDER-CROSSING D&C. CPMS# 6327

SHEET NO: 12
12 OF: 12

PROJECT NO: 6327